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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 1363**

Koichi HATA et al. : Docket No. 2001\_1146A

Serial No. 09/929,487 : Group Art Unit 2631

Filed August 15, 2001 : Examiner not yet assigned

DATA TRANSMISSION  
APPARATUS AND METHOD

THE COMMISSIONER IS AUTHORIZED  
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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.


3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☐ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.
6. ☐ Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Koichi HATA et al.

By   
Thomas D. Robbins  
Registration No. 43,369  
Attorney for Applicants

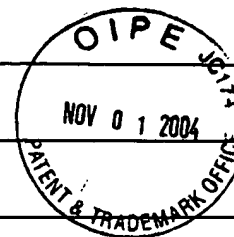
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November 1, 2004

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: November 1, 2004

ATTY DOCKET NO.  
2001\_1146ASERIAL NO.  
09/929,487APPLICANT  
Koichi HATA et al.FILING DATE  
August 15, 2001GROUP  
2631

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,445,679	9/2002	Taniguchi et al.			
	AB	6,188,670	2/2001	Lackman et al.			
	AC	6,163,808	12/2000	Kilkki			
	AD	6,449,255	9/2002	Waclawsky			
	AE	6,167,030	12/2000	Kilkki et al.			
	AF	6,748,435	6/2004	Wang et al.			
	AG	6,646,988	11/2003	Nandy et al.			
	AH	6,628,614	9/2003	Okuyama et al.			
	AI	6,628,610	9/2003	Waclawsky et al.			
	AJ	6,442,166	8/2002	McDonald et al.			
	AK	6,438,135	8/2002	Tzeng			
	AL	6,222,841	4/2001	Taniguchi			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AM	0225867	3/2002	WO			
	AN	1045563	10/2000	EP			
	AO	0756435	1/1997	EP			
	AP	0041368	7/2000	WO			
	AQ						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

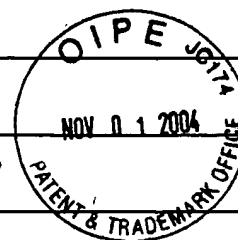
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	6,091,709	7/2000	Harrison et al.			
	BB	5,729,542	3/1998	Dupont			
	BC	6,760,309	7/2004	Rochberger et al.			
	BD	6,654,346	11/2003	Mahalingaiah et al.			
	BE	6,584,509	6/2003	Putzolu			
	BF	6,563,836	5/2003	Capps et al.			
	BG	6,449,251	9/2002	Awadallah et al.			
	BH	6,426,943	7/2002	Spinney et al.			
	BI	6,247,061	6/2001	Douceur et al.			
	BJ	6,081,843	6/2000	Kilkki et al.			
	BK	5,920,705	7/1999	Lyon et al.			
	BL	5,208,805	5/1993	Ochiai			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	BM							
	BN							
	BO							

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	BP	
	BQ	

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